

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 06-224)

In the Application of:	)	
	)	
Leslie Raymond Bates et al	)	Examiner: Unknown
	)	
Serial No.	)	
To Be Assigned	)	
	)	Group Art Unit: Unknown
Filed:	)	
Currently Herewith	)	
	)	
Title:	)	
Improvements in and Relating to Oil Well	)	
Perforators	)	
	)	
	)	

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**PRELIMINARY AMENDMENT**

Please amend the abstract and claims of this application as follows before calculating the application filing fee.

**Amendments to the Abstract** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begin on page 3 of this paper.

**Remarks** begin on page 6 of this paper.